



SHA



SHA STATEWIDE



PROJECT: Coordinated Highway Action Response Team (CHART)

DESCRIPTION: Install advanced traffic management system (ATMS) and advanced traffic information system (ATIS) technologies on Interstate highways and arterials statewide. Technologies include cameras, traffic detectors, weather sensors, dynamic message signs, highway advisory radios, web sites and telecommunication networks. CHART is comprised of five major components: 1) Traffic and Roadway Monitoring; 2) Incident Management; 3) Traveler Information; 4) System Integration and Communication; 5) Traffic Management.

JUSTIFICATION: Heavy volumes of traffic, stop-and-go commuter peaks, and lack of comprehensive information regarding current, real-time conditions on available alternatives contribute to and compound the effects of unexpected incidents. With the growth in traffic outpacing any realistic hope of expanding capacity through building new highways, or expanding existing ones, it is imperative to operate the existing highway system more efficiently through the application of Intelligent Transportation System (ITS) technologies and interagency teamwork.

SMART GROWTH STATUS:

- ☒ Project Not Location Specific or Location Not Determined
☐ Project Within PFA
☐ Grandfathered
☐ Project Outside PFA; Subject to Exception
☐ Exception Approved by BPW/MDOT

ASSOCIATED IMPROVEMENTS:

<u>Federal Funding By Year of Obligation</u>						
PHASE	FFY 2007	FFY 2008	FFY 2009	FFY 2010	FFY 2011 - 2012	FEDERAL CATEGORY
PP	0	0	0	0	0	----
PE	2640	2640	2640	2640	5280	CMAQ/STP
RW	0	0	0	0	0	----
CO	10208	5808	5896	2728	8624	CMAQ/STP

STATUS: Engineering and Construction underway. This represents a summary of the Statewide CHART program. Individual corridor work is shown in the State Highway Administration's Safety, Congestion Relief, Highway and Bridge Preservation Program.

SIGNIFICANT CHANGE FROM FY 2006 - 11 CTP: Added funding in FY12.

POTENTIAL FUNDING SOURCE:				<input checked="" type="checkbox"/> SPECIAL	<input checked="" type="checkbox"/> FEDERAL	<input type="checkbox"/> GENERAL	<input type="checkbox"/> OTHER			
TOTAL				PROJECT CASH FLOW						
PHASE	ESTIMATED COST (\$000)	EXPEND THRU 2006	CURRENT YEAR 2007	BUDGET YEAR 2008	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					....2009....	....2010....	....2011....	....2012....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	51,891	33,891	3,000	3,000	3,000	3,000	3,000	3,000	18,000	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	190,940	153,140	11,600	6,600	6,700	3,100	2,600	7,200	37,800	0
Total	242,831	187,031	14,600	9,600	9,700	6,100	5,600	10,200	55,800	0
Federal-Aid	206,790	157,686	12,848	8,448	8,536	5,368	4,928	8,976	49,104	0

FUNCTION :

STATE - N/A

FEDERAL - N/A

STATE SYSTEM : N/A

DAILY TRAFFIC : (USAGE IMPACTS)

CURRENT (2005) - N/A

PROJECTED (2030) - N/A

OPERATING COST IMPACT: N/A



PROJECT: Community Safety and Enhancement Program

DESCRIPTION: This is the SHA element of the Statewide Neighborhood Conservation Program. Funds will be made available for highway transportation projects in designated revitalization areas. Areas will be designated by local jurisdictions, taking into account factors such as the age and number of abandoned and substandard structures, the extent of unemployment, and the redevelopment plans and strategies of the local jurisdiction. Project improvements include roadway reconstruction, lighting and drainage improvements, streetscaping and roadway improvements.

JUSTIFICATION: Some of Maryland's older urban areas contain significant investments in physical infrastructure that are underutilized due to their inability to attract new investment. MDOT is joining with other State agencies to target resources for these areas with the goal of increasing their attractiveness to private investment.

SMART GROWTH STATUS:

- ☐ Project Not Location Specific or Location Not Determined
☒ Project Within PFA
☐ Grandfathered
☐ Project Outside PFA; Subject to Exception
☐ Exception Approved by BPW/MDOT

ASSOCIATED IMPROVEMENTS:

<u>Federal Funding By Year of Obligation</u>						
PHASE	FFY 2007	FFY 2008	FFY 2009	FFY 2010	FFY 2011 - 2012	FEDERAL CATEGORY
PP	0	0	0	0	0	----
PE	0	0	0	0	0	----
RW	0	0	0	0	0	----
CO	3900	6100	4900	6000	11800	STP

STATUS: Engineering, Right-of-way and Construction underway. This sheet represents a summary of this program. Individual projects are shown in the State Highway Administration's Safety, Congestion Relief, Highway and Bridge Preservation Program.

SIGNIFICANT CHANGE FROM FY 2006 - 11 CTP: Added funding in FY12.

POTENTIAL FUNDING SOURCE:				<input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER							
PROJECT CASH FLOW											
PHASE	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2006	CURRENT YEAR 2007	BUDGET YEAR 2008	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE	
					.....2009....	.....2010....	.....2011....	.....2012....		
Planning	0	0	0	0	0	0	0	0	0	0	
Engineering	65,963	34,913	5,300	7,250	4,000	4,750	4,750	5,000	31,050	0	
Right-of-way	9,887	4,997	840	1,100	630	760	760	800	4,890	0	
Construction	281,613	156,353	18,860	33,450	15,870	18,990	19,090	19,000	125,260	0	
Total	357,463	196,263	25,000	41,800	20,500	24,500	24,600	24,800	161,200	0	
Federal-Aid	77,321	44,621	3,900	6,100	4,900	6,000	5,800	6,000	32,700	0	

FUNCTION :

STATE - N/A

FEDERAL - N/A

STATE SYSTEM : N/A

DAILY TRAFFIC : (USAGE IMPACTS)

CURRENT (2005) - N/A

PROJECTED (2030) - N/A

OPERATING COST IMPACT: N/A

A complete list of projects is shown in the front of this CTP.

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PROJECT: Sidewalk Program

DESCRIPTION: This program will provide matching funds for the construction of sidewalks adjacent to State highways. Fifty percent of project costs will be required from local and municipal project sponsors, except in urban revitalization areas where projects are eligible for 100 percent state funding, and in priority funding areas where projects are eligible for 75 percent state funding.

JUSTIFICATION: Program will support community revitalization efforts and efforts to encourage pedestrian usage along State highways consistent with the intent of the "Access 2000" legislation.

SMART GROWTH STATUS:

- ☒ Project Not Location Specific or Location Not Determined
☐ Project Within PFA
☐ Grandfathered
☐ Project Outside PFA; Subject to Exception
☐ Exception Approved by BPW/MDOT

ASSOCIATED IMPROVEMENTS:

Federal Funding By Year of Obligation						FEDERAL CATEGORY
PHASE	FFY 2007	FFY 2008	FFY 2009	FFY 2010	FFY 2011 - 2012	
PP	0	0	0	0	0	----
PE	0	0	0	0	0	----
RW	0	0	0	0	0	----
CO	0	0	0	0	0	----

STATUS: Engineering, Right-of-way and Construction underway. Working with local jurisdictions to identify projects. This sheet represents a summary of the Program. Individual projects are shown in SHA's Safety, Congestion Relief, Highway and Bridge Preservation Program.

SIGNIFICANT CHANGE FROM FY 2006 - 11 CTP: Added funding in FY12.

POTENTIAL FUNDING SOURCE:				<input checked="" type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER						
PROJECT CASH FLOW										
PHASE	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2006	CURRENT YEAR 2007	BUDGET YEAR 2008	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					....2009....	....2010....	....2011....	....2012....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	4,350	3,150	200	200	200	200	200	200	1,200	0
Right-of-way	395	245	25	25	25	25	25	25	150	0
Construction	37,823	26,373	1,775	1,775	1,775	1,875	1,975	2,275	11,450	0
Total	42,568	29,768	2,000	2,000	2,000	2,100	2,200	2,500	12,800	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0

FUNCTION :

STATE - N/A

FEDERAL - N/A

STATE SYSTEM : N/A

DAILY TRAFFIC : (USAGE IMPACTS)

CURRENT (2005) - N/A

PROJECTED (2030) - N/A

OPERATING COST IMPACT: N/A



PROJECT: Sound Barrier Program

DESCRIPTION: Funding to implement retrofit sound barrier projects that meet eligibility criteria.

JUSTIFICATION: Mitigating highway noise is an essential element of the Department's programs for environmental stewardship and community conservation.

SMART GROWTH STATUS:

- ☒ Project Not Location Specific or Location Not Determined
☐ Project Within PFA
☐ Grandfathered
☐ Project Outside PFA; Subject to Exception
☐ Exception Approved by BPW/MDOT

ASSOCIATED IMPROVEMENTS:

Federal Funding By Year of Obligation						FEDERAL CATEGORY
PHASE	FFY 2007	FFY 2008	FFY 2009	FFY 2010	FFY 2011 - 2012	
PP	0	0	0	0	0	----
PE	0	0	0	0	0	----
RW	0	0	0	0	0	----
CO	3100	2900	6300	1900	4600	NHS

STATUS: Engineering, Right-of-way and Construction underway. This consolidates the total dollars available for sound barriers that meet eligibility criteria. Individual projects are shown in SHA's Safety, Congestion Relief, Highway and Bridge Preservation Program.

SIGNIFICANT CHANGE FROM FY 2006 - 11 CTP: Added funding in FY12.

POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER							
PHASE	TOTAL		PROJECT CASH FLOW						
	ESTIMATED	EXPEND	CURRENT	BUDGET	FOR PLANNING PURPOSES ONLY				SIX
	COST	THRU	YEAR	YEAR	.....2009.....	.....2010.....	.....2011.....	.....2012.....	YEAR
	(\$000)	2006	2007	2008					TOTAL
Planning	0	0	0	0	0	0	0	0	0
Engineering	34,172	28,312	960	1,600	800	600	400	1,500	5,860
Right-of-way	336	336	0	0	0	0	0	0	0
Construction	285,555	252,455	6,300	6,000	10,200	3,600	1,900	5,100	33,100
Total	320,063	281,103	7,260	7,600	11,000	4,200	2,300	6,600	38,960
Federal-Aid	211,798	192,998	3,100	2,900	6,300	1,900	700	3,900	18,800

FUNCTION :

STATE - N/A

FEDERAL - N/A

STATE SYSTEM : N/A

DAILY TRAFFIC : (USAGE IMPACTS)

CURRENT (2005) - N/A

PROJECTED (2030) - N/A

OPERATING COST IMPACT: N/A

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

STATE HIGHWAY ADMINISTRATION -- STATE WIDE LINE 5

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of December 1, 2006
		<p style="text-align: center;"><u>Fiscal Year 2006 Completions</u></p> <p style="text-align: center;"><u>Enhancements</u></p> <p><u>Archaeological Planning & Research</u></p>		
1		National Road National Register Nomination - documentation of National Road properties and sites	20	Completed
		<u>Pedestrian and Bicycle Safety and Educational Activities</u>		
2		Smart Moves - a pedestrian safety campaign throughout Maryland promoting awareness through the new Street Smarts, Smart Moves campaign	550	Completed
		<u>Fiscal Years 2007 and 2008</u>		
		<u>C.H.A.R.T. Projects</u>		
3		Statewide Dynamic Message Sign Upgrade/Replacement	2,393	Underway
4		Statewide CCTV Camera Deployment	2,255	Underway
		<u>Environmental Preservation</u>		
5	I 70	Eisenhower Memorial Highway; Hollow Road to MD 68 in Washington County; reforestation	360	FY 2007
		<u>Enhancements</u>		
		<u>Acquisition of Scenic Easements and Scenic/Historic Sites</u>		
6		SHA's 100 Year History Project - full color commemorative book of roads and bridges in Maryland encompassing the years of 1908-2008	500	FY 2007

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

STATE HIGHWAY ADMINISTRATION -- STATE WIDE LINE 5 (cont'd)

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of December 1, 2006
		<u>Fiscal Years 2007 and 2008 (cont'd)</u>		
		<u>Enhancements (cont'd)</u>		
		<u>Archaeological Planning & Research</u>		
7		National Road Nomination Phase II; documentation of 50 National Road properties and sites to be sent to the National Register of Historic places as a multiple Property submission	61	FY 2007
8		Maryland Roadside Historic Markers Website - roadside historic marker research, database preparation and website development	182	Underway
		<u>Landscaping/Scenic Beautification/Mitigation</u>		
9		Maryland Roadside Debris and Safety Campaign; educate the motoring public about the dangers and hazards of roadside debris	323	FY 2007
10		Environmental stewardship Initiative - Statewide Native Meadows Establishment - establishment of over 1,000 acres of native meadows statewide	785	Underway
		<u>Environmental Mitigation</u>		
11		GIS and Predictive Modeling for Cultural Resources; for Cecil, Caroline, and Talbot Counties; develop cultural GIS resource	52	Underway
12		Stormwater Management Visual and Environmental Enhancements - make improvements to existing stormwater management facilities and improve the visual appearance, environmental diversity and water quality of nine sites in SHA Districts 4 and 5	609	FY 2007
13		Watershed Revitalization Partnership - an initiative to expand existing efforts to protect and restore in-stream fish and wildlife habitat in targeted urban/suburban watersheds in partnership with the Maryland Department of Natural Resources	4,692	Underway

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

STATE HIGHWAY ADMINISTRATION -- STATE WIDE LINE 5 (cont'd)

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of December 1, 2006
		<u>Fiscal Years 2007 and 2008 (cont'd)</u>		
		<u>Enhancements (cont'd)</u>		
		<u>Scenic/Historic Highway Programs/Visitor Centers</u>		
14		Civil War Driving Tour - Antietam - develop a driving tour associated with the Battle of Antietam, including trail blazer signing, mapping, waysides and interpretive signing	690	Underway
15		Keep Maryland Beautiful III - Continuation of Keep Maryland Beautiful and Anti-Litter Initiatives	322	Underway
16		Civil War Driving Tour - Gettysburg - develop a driving tour to Gettysburg, including trail blazer signing, mapping, waysides, interpretive signing, and interactive signs and displays for the Emmitsburg Welcome Center	531	Underway